Composite Structures **12** (1989) 318–320

CONTENTS OF VOLUME 12

Number 1

Problems of Dynamic Buckling of Antisymmetric Rectangular Laminates . . 1
VICTOR BIRMAN (USA)

Vibrations of Orthotropic Triangular Plates 17
S. K. MALHOTRA, N. GANESAN & M. A. VELUSWAMI (India)

Analysis of Hybrid Effect in Unidirectional Composites under Longitudinal Compression 27
LI NING YAO & TSU-WEI CHOU (USA)

Geometrical Effects in the Low Velocity Impact Response of CFRP . . . 39
W. J. CANTWELL & J. MORTON (UK)

Experimental Collapse Determination of Cylindrical Composite Panels with Large Cutouts under Axial Load 61
A. N. PALAZOTTO & T. W. TISLER (USA)

Book Review
Computer Aided Engineering Systems Handbook. Edited by J. Puig-Pey and C. A. Brebbia. Computational Mechanics Publications, Springer-Verlag 1987. 79
(Reviewed by J. Wood)

Number 2

A Shear-Deformable, Doubly-Curved Finite Element for the Analysis of Laminated Composite Structures 81
JOSEPH P. FUEHNE & JOHN J. ENGBLOM (USA)

Random Vibrations of Laminated Plates Modeled Within the First Order Shear Deformation Theory 97
G. CEDERBAUM, I. ELISHAKOFF & L. LIBRESCU (USA)

Vibration Studies for Simply Supported Symmetrically Laminated Rectangular Plates 113
ARTHUR W. LEISSA (USA) & YOSHIHIRO NARITA (Japan)

Composite Structures (**12**) (1989)—© 1989 Elsevier Science Publishers Ltd, England. Printed in Great Britain

Buckling Analysis of Composite Laminates 133
Y. J. LEE, H. J. LIN & C. C. LIN (Taiwan)

Technical Note
Thermal Post-buckling of Thin Simply Supported Orthotropic Square Plates . . 149
K. KANAKA RAJU & G. VENKATESWARA RAO (India)

Book Review
Structural Stability of Columns and Plates. By N. G. R. Iyengar. Ellis Norwood Ltd, 1988 155
(Reviewed by I. H. Marshall)

Conference Report 156

Number 3

Effect of Shear Deformation on Bending of Bimodular Composite-Material Plates 161
FARAMARZ GORDANINEJAD (USA)

Transverse Shear Effects in Stability Problems of Laminated Shallow Shells . . 171
ALEKSANDER MUC (UK)

Nonlinear Problems of Parametric Vibrations of Imperfect Laminated Plates . 181
VICTOR BIRMAN & HUSSEIN ZAHED (USA)

Layup Optimization and Sensitivity Analysis of the Fundamental Eigenfrequency of Composite Plates 193
JOACHIM L. GRENESTEDT (Japan)

High-Order Analysis of Generally Symmetrical Laminated Plates under Transverse Loading 211
J. T. MOTTRAM (UK)

Announcements 239

Number 4

Analysis of Viscoelastic Laminated Composite Plates 243
JACOB ABOUDI & GABRIEL CEDERBAUM (Israel)

Thermal Postbuckling Analysis of Laminated Composite Plates by the Finite Element Method 257
LIEN-WEN CHEN & LEI-YI CHEN (Taiwan)

A Study on the Effect of Bending–Twisting Coupling on Buckling Strength . . 271
JOACHIM L. GRENESTEDT (Japan)

Thermoelastic Assessment of Damage Growth in Composites 291
R. JONES, M. HELLER, D. LOMBARDO, S. DUNN, J. PAUL & D. SAUNDERS (Australia)

Book Reviews

Mechanical Properties of Reinforced Thermal Plastics. Edited by D. W. Clegg and A. A. Collyer. Elsevier Applied Science Publishers, London, 1986 . . 315

Tomorrow's Materials. By Ken Easterling. The Institute of Materials, London, 1988 316

Composite Materials Series, 3 Textile Structural Composites. Edited by Tsu-Wei Chou and Frank K. Ko. Elsevier Science Publishers, Amsterdam, 1988 . 316

Interfaces in Polymer, Ceramic and Metal Matrix Composites. Edited by Hatsuo Ishida. Elsevier Science Publishers, Amsterdam, 1988 317
(Reviewed by I. H. Marshall)